



MOONDISH

RPD06/R2 | SUSPENDED, SURFACE

DESIGN BY
NEIDHARDT

STANDARD SIZES

Ring diameters of 2, 3, or 4 feet

LAMPING

LED - 90+ CRI - 2700K/3000K/3500K/4000K

Output Options: Standard/RGB/RGBW

Dimming down to 0%

FINISH

Brushed Aluminum, White, Black, Silver, Brass, RAL Classic Colors

CONSTRUCTION

Industrial Strength Extruded Aluminum Frame





PRODUCT SUBMITTAL WORKSHEET

SAMPLE PRODUCT CODE

RPD06-R2P – D4 – 3500 – 0/10V/1% – BK – BAL – UNV – EMB
1 2 3 4 5 6 7 8

1. BASE MODEL (CHOOSE ONE)

- RPD06-R2P** Ceiling Pendant
 RPD06-R2S Ceiling or Wall Surface Mount

2. SIZE (CHOOSE ONE)

- D2** 2' (24") outer diameter
 D3 3' (36") outer diameter
 D4 4' (48") outer diameter

| SIZE | DELIVERED LUMENS (LM) | WATTS (W) | APPROX. WEIGHT (LBS.) |
|-----------|-----------------------|-----------|-----------------------|
| D2 | 1547 lm | 57W | 10 lbs. |
| D3 | 2312 lm | 85W | 15 lbs. |
| D4 | 3201 lm | 104W | 20 lbs. |

Performance data is measured at 3100K CCT.


3. LED LAMPING (CHOOSE ONE)

- 2700** 2700K (very warm)
 3000 3000K (warm)
 3500 3500K (slightly warm)
 4000 4000K (neutral)
 RGB Red, Green, and Blue LED
 RGBW Red, Green, Blue, and White (4000K) LED

4. REMOTE DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 10% (Standard Dimming)
 0/10V/1% 0-10V dimming down to 1%
 0/10V/0% 0-10V premium dimming down to 0%
 DMX DMX flicker-free dimming down to 0% (Recommended for RGB or RGBW lamping)
 ECOSYS1 Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
 LTEA Lutron Hi-lume 1% 2-wire TRIAC dimming (120V forward-phase only), constant current or constant voltage


5. FINISH – INTERIOR (CHOOSE ONE)

- BAL** Brushed Aluminum
 BK Black Powder Coat
 BRS Brass Metallic Powder Coat
 SV Silver Powder Coat
 WH White Powder Coat
 WH/AM  White Antimicrobial Powder Coat (for healthcare environments)
 RAL_____ Specify RAL Classic Color code (ex: RAL3003) ralcolorchart.com/ral-classic

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6. FINISH — EXTERIOR (CHOOSE ONE)

- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL_____** Specify RAL Classic Color code (ex: RAL3003) ralcolorchart.com/ral-classic

7. VOLTAGE

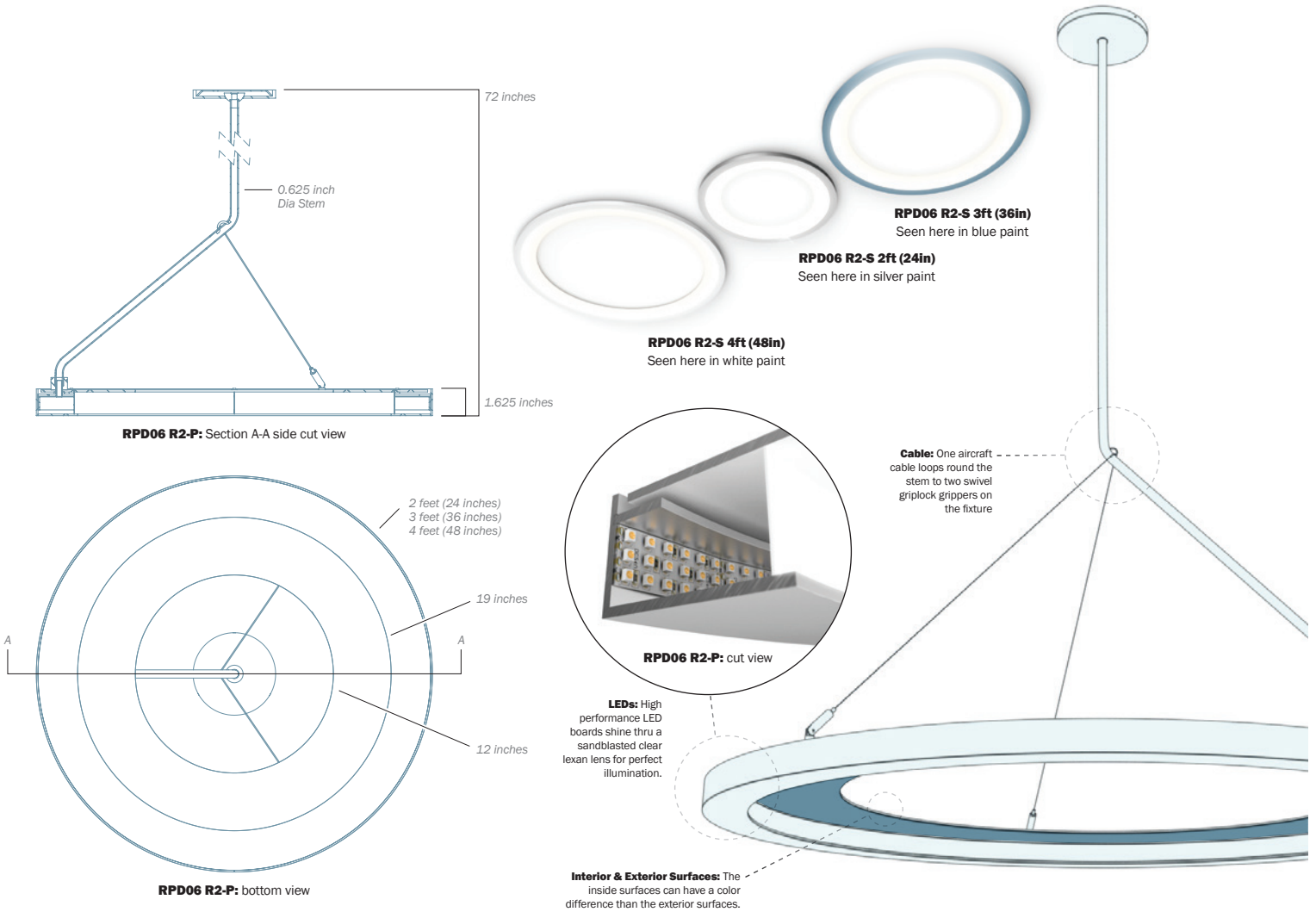
- UNV** Universal Voltage (120VAC-277VAC)

8. EMERGENCY OPTIONS (OPTIONAL)

- EMB** Emergency Battery Pack



MECHANICAL DIAGRAMS



MOONDISH VOLTAGE DROP CHART FOR REMOTE DRIVERS — 24VDC

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. This chart only applies to RPD06/R2 at 24VDC. Do not use this chart to calculate voltage drop for other fixtures. Estimated 9 Watts per linear foot (W/lf) for White LEDs, and 5 W/lf for RGB/RGBW LEDs.

| WIRE GAUGE | D2 (White) 57W | D2 (RGB/W) 32W | D3 (White) 85W | D3 (RGB/W) 48W | D4 (White) 52W (x2) | D4 (RGB/W) 29W (x2) |
|------------|----------------|----------------|----------------|----------------|---------------------|---------------------|
| 18 AWG | 50 ft. | 34 ft. | 35 ft. | 20 ft. | 25 ft. | 38 ft. |
| 16 AWG | 85 ft. | 59 ft. | 55 ft. | 36 ft. | 40 ft. | 66 ft. |
| 14 AWG | 130 ft. | 98 ft. | 90 ft. | 63 ft. | 65 ft. | 109 ft. |
| 12 AWG | 210 ft. | 162 ft. | 140 ft. | 105 ft. | 105 ft. | 179 ft. |
| 10 AWG | 335 ft. | 262 ft. | 220 ft. | 172 ft. | 170 ft. | 290 ft. |

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ADDITIONAL OPTIONS & SPECIFICATIONS

LENS

Sandblasted clear lexan lens

HOUSING

100% recyclable, extruded architectural grade aluminum

SAFETY & REGULATORY

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.
Conforms to UL std. 2108, Low Voltage Luminaires / Low Voltage Lighting Systems.
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

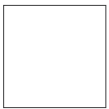
OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -4 °F to 122 °F (-20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

FINISH



**Brushed
Aluminum**



White*



Black



Silver



Brass



RAL Classic

*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.